Continuous **News Service** Since 1881

Volume 96, Number 14

MIT Cambridge Massachusetts

Tuesday, March 30, 1976

Reviewer William Schaffner says that the Broadway production of Albee's "Who's Afraid of Virginia Woolf" is well-done but has lost some of its controversy since it was first produced.

Two Black-controlled firms have been ten per cent of MIT's group life insurance business in a move that demonstrates MIT's commitment to helping minority companies, MIT officials have announced.

Steve Goldstein '76 wins the National Rifle Association Intercollegiate Pistol championship with an 860 score; MIT finishes second to the Air Force Academy in both national and international championship matches.

Varsity lacrosse splits four games on its annual spring trip, including a 9-7 upset victory over the University of New Haven on Saturday.

od

Assistant to the Provost Louis Menand has been asked by President Jerome Wiesner to investigate the reports that an agent of the Taiwanese government spied on Taiwanese students who spoke at an open forum on the Taiwan inertial guidance program, it was announced last week in Tech Talk. The Ad Hoc Committee on International Institutional Commitments has also begun a study of the appropriateness of the program. Some students have charged that knowledge gained by Taiwanese engineers in the program could be used to develop guided missiles.

A sentence in the article on the talk by Yevgeny Levich (The Tech, Mar. 19) is misleading. It reads, "If . . . MIT wishes to extend an invitation, it should do so through the National Academy of Science – because the Russian NAS has greater authority . . ." It should read, "If . . . MIT wished to extend an invitation, it should do so through the American National Academy of Science, because the Soviets believe that the American NAS has greater authority than an institution. such as MIT ..."

Gray: budget won't stay balanced

By Mark James

"Bringing the budget back into balance doesn't stick." In this way Chancellor Paul Gray '54 summed up MIT's economic problems for about 35 students at an open forum on the Institute's financial situation held Thursday, March 23.

As a result, Gray indicated, efforts to reduce the gap at any one time only postpone the problem of expenses that are growing faster than revenues.

The "operating gap," the amount of the Institutes operating expenses that must be made up from sources other than operating revenues in each year, has been increasing at a net rate of \$1.4 million per year in recent years, according to Gray.

"The Institute is in the process of making a difficult transition" between economic expansion and retrenchment which, although it is not threatening to the near-term financial condition of the Institute," is dangerous in the longterm outlook, according to Gray.

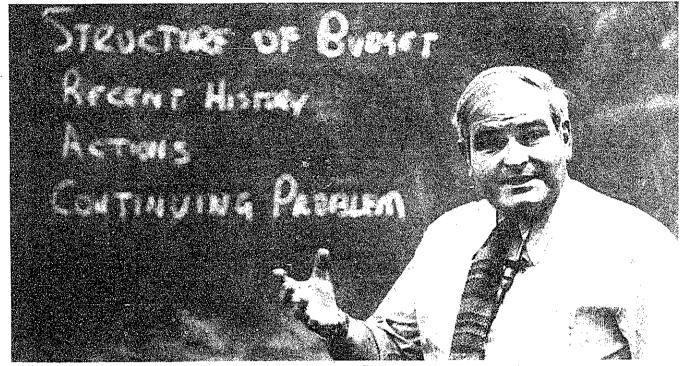
Tuition pays for about 40 per cent of Institute operating costs not covered by research sponsors. Gray said that the tuition rate has been "essentially constant in constant [inflation corrected] dollars" since 1972.

Gray added that "tuition is one number in the operating budget that the Institute controls.'

Gray pointed out several trends that endanger the Institute's economic situation:

- The direct funding for sponsored research has shown "no palpable growth" in the last several years. - Gifts, grants, and bequests have "not kept pace with inflation" because of changing attitudes toward philanthropy and an uncertain tax situation.

- Investment income has



Chancellor Paul E. Gray explains MIT's budget and financial situation at a forum attended by only a handful of students.

remained essentially flat in inflation-corrected dollars since 1968, partly due to a decline in the constant dollar value of the endowment.

Gray explained that this decline was due to the decline of gifts and to the necessity of

removing 14 million dollars from the endowment over the last three years to make up for the operating deficit.

The operating gap increased from around \$2 million in previous years to \$8.6 million in Fiscal Year 1974, the year the

Institute was hurt financially by the quadrupling of energy costs and the loss of reimbursements for research overhead due to the divestment of Draper Labora-

> After outlining these prob-(Please turn to page 2)

Mass. legislature studies plan

Tuition support proposed

By Jeanne Brady

A proposal to establish a student tuition equalization program (STEP) will be considered by the Massachusetts Legislature on April 5.

Representative Frank J. Matrango, (D-North Adams) has filed a bill - House 2430 which calls for providing grants to needy students to help make up the difference between tuitions at private institutions and those at state schools. This difference can be as much as \$2000.

Depending on need, qualified students with a family income up to \$12,000 could receive as much as three-fourths of the tuition of the school attended or one half the cost of attending the University of Massachusetts at Amherst as a full-time student, whichever is smaller.

The bill is supported by AMICUS, Inc., an association of Massachusetts independent colleges and universities of which MIT is a member.

cost of STEP to the state is

about \$40 million per year, considerably less than the cost of supporting the same students at public institutions.

The STEP program would allow qualified Massachusetts students to choose among all colleges in the state, public and private, and would more efficiently utilize educational resources, AMICUS stated.

According to AMICUS, student tuition equalization programs are already in effect in Illinois, Indiana, Iowa, Kansas, According to AMICUS, the Maine, Michigan, New York, and Wisconsin.

Open House: success prédicted

Despite the apathy of some departments, Open House '76 is expected by its organizers to be a resounding success.

"It looks like we're only going to have about 85% of the departments doing anything this year, and a smaller percentage that are really gung-ho," Exhibits Committee Chairman John Shelton '79 told The Tech. "At this point, though, we only have definite plans from about 10 of the 22 academic departments," explained Mark Munkacsy '78, the Open House Chairman.

The last Open House, held in 1974, had almost 200 exhibits. This year's count is not even close to that yet. "People just don't seem to realize that Open House is only 25 days away, on April 24. There isn't a whole heck of a lot of time left,' Munkacsy said.

He claimed that at least two departments have indicated that they do not want to put up any exhibits. "Both Psychology and Meteorology told our departmental coordinators that they

Open House," reported Munkaesy, adding, "It's difficult to give outsiders a good picture of the Institute when interesting, non-engineering departments wish to do nothing."

Open House '76 is scheduled to begin at noon on April 24 and last five hours. Prior open houses have attracted up to 40,000 people from all over the country. Munkacsy hopes to draw at least half that many this year, despite a very late start.

"Two weeks ago, we had almost nothing but a tentative budget; we had no one in charge, many members of the Committee had not yet been named, and we had only about 2 firm exhibits." Alpha Phi Omega, the campus service fraternity, did not decide to run Open House '76 until well into IAP, quite late compared to previous years.

That late start is causing many problems, especially in trying to schedule rooms. Many rooms on the first floor of the

didn't want to do anything for main buildings have been reserved by the High School Studies Program for their Saturday classes. Obtaining rooms from HSSP for Open House exhibits has proved to be a nuisance for the Open House Committee, which is negotiating with HSSP on a room-by-room basis.

"However," Munkacsy told The Tech, "an administrative problem like this does not really jeopardize the success of Open House. We can deal with these problems. What is really hurting. Open House are the departments and labs which don't want to be bothered to show the public what they are doing."

APRIL 24

Budget balance only temporary

(Continued from page 1) lems, Gray described actions that have been taken by MIT to lower the gap.

 Student enrollment has been steadily increased over the last two years in order to increase tuition revenues.

- An effort is being made to expand sponsored research to offset the losses from the Draper divestment. These efforts have included the establishment of the Center for Cancer Research and the Energy Laboratories.

-Expenses have been reduced by cuts in the academic budget of 4.2 per cent this year and 2 per cent next year. Support services have been an important area for cost reductions, Gray said, citing cutbacks in the use of energy and the phasing out of the use of night watchmen whose duties have been taken over by the Campus Patrol as examples. Gray stated that the cuts' "impact in the academic area has been modest."

- The MIT Leadership Campaign, a five year program aimed at increasing gifts to MIT, was begun. Gray said that so far the campaign has resulted in \$30 million received above the normal level of gifts. At this point, \$73.6 million has been received out of a \$225 million goal.

The campaign has not been successful at raising money to pay for the construction of New House, however. Gray said that the Institute expects that it will have to absorb the costs of its construction.

Vice-President for Financial Operations Stuart Cowan, who assisted Gray with his presentation, added that there probably will be a bond issue started in June to finance the construction.

Gray characterized as "bullshit" the claim made by Brian Tokar in an article in thursday that MIT does not report all of its gifts.

The meeting was attended by only about 35 students. Its organizer, former UAP Lee Allen '77 blamed the low attendance on poor publicity.

Gray noted that although he was disappointed by the low attendance, it was about six times as large as that for a similar meeting held two years ago.

PASSOVER MEALS

All those interested in Passover Meals at the Kosher Kitchen Dining Club must make definite reservations by Wednesday, March 31 at the Hillell office. Please call 3-2982 or 2987. All meals must be paid for in advance. Confirmation of reservations will be made available on Friday April 2.

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an LSC Lecture; 8 pm Monday April 5 in Kreage

\$1 in building 10, 10-3 delib

'Woolf': highly successful

By William Schaffner

Who's Afraid of Virginia Woolf is another of the many plays which have recently been resurrected and restaged on Broadway. This highly successful presentation is marred by only two flaws: the play has lost much of its shock value in the years since it was written, and Edward Albee's direction is awkward at times.

Virginia Woolf is a detailed look into the private lives of a college history teacher and his wife. Through twenty three

years of marriage, their world has revolved around the sadistic jabs they constantly hurl at each other, as well as an imaginary son each uses to protect his/her ego. The dialogue used by George and Martha to convey these feelings is crude, and is obviously meant to shock. However, though the play was daring years ago, it seems mild today. The speech is dated, but the impact of the characters and their emotions comes through undiminished.

The dangers of having an

author direct his own work are well known, Edward Albee manages brilliantly for the most part. Unfortunately, he often has characters conversing over the entire length of the stage, a tactic which is annoying and out of context with the rest of the direction.

The acting itself is what saves Virginia Woolf from being just another rerun. Ben Gazzara as George delivers his lines with finesse and is obviously well suited for the role. Martha, played by Colleen Dewhurst, gives a flawlessly bitchy performance as Martha, the wife who thinks she "wears the pants in the family." Richard Kelton and Maureen Anderman are well matched as the biology teacher and his mousy wife.

Who's Afraid of Virginia Woolf is a classic. No Burton-Taylor mishmash - don't be afraid to see it.

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- Eating Lower on the Food Chain: A Benefit Dinner; Thursday, April 8, 6pm. (Proceeds go to Boston walk for hunger.)

- Who is Jesus?: A day of prayer and reflection, away from MIT; Saturday, April 10. Advance registration required, 926-4241

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opinion

feedback

Exporting totalitarianism

To the Editor:

The recent events involving actions taken by the Taiwan government concerning students who were involved in debate over the MIT-Taiwan deal illustrates a problem which involves everybody in the MIT community. I am personally appalled that the government of Taiwan not only practices its totalitarianism at home, but has the audacity to export it to America tics such as those publicized at the Taiwan teach-in and by the article in The Tech on Tuesday, March 16. This sort of thing is

not only morally offensive, but it is an infringement on the rights of American citizens who happen to be associated with the intended targets. Thus, it is imperative that action be taken. Freedom of expression is a way of life here, and interference with the exercise of this freedom cannot be tolerated. Perhaps if a few of these people who make it their business to play Gestapo in the United States for the Taiwan in the form of surveillance tac- /government were to share jail cells with John Mitchell and Gordon Liddy, the Taiwan government would get the idea. Robert J. Drelles '78

Pressuring Taiwan

To the Editor:

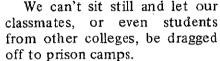
We, the students of MIT have taken too much crap from the administration on the Taiwan Deal. I was disgusted when I read the article in the March 16 The Tech about the Taiwan government's denying passports to Chinese students.

I think MIT should immediately suspend all teaching associated with the Taiwan Deal until the two students in the article

are given passports, to pressure the Taiwanese government out

stop the classes, I think the students of MIT should sit-in at the missle training program until

Mark Freedman '77



Magnets and energy

To the Editor:

Ecklin's question "Can Magnets Create Energy" in The Tech of March 12, 1976 on first reading gave me a good laugh. However, I had seldom used my physics education since being married so I decided to send for the patent.

The reason students should build or at least see the device is so they grasp the significance of pushing the shield slowly down between the ball and the magnet it touches. They will then see the shield does not have to move the ball or give it any initial motion toward the other mag-

The paper he sent also had a very revealing experiment. Put one of the magnets flat on a steel surface and put the steel ball on top of it. Pull the ball to one side and release it. The ball oscillates back and forth until friction stops it's motion. It finally stops at equilibrium over the center of the magnet. Pound the ball flat and you have a shield.

This experiment is of crucial importance because on first thought his simple device has

much friction and appears to require much more work to insert the shield, which is very misleading, than the device deve-

Actually with low friction the magnet also does the work of pulling the shield into the shield-

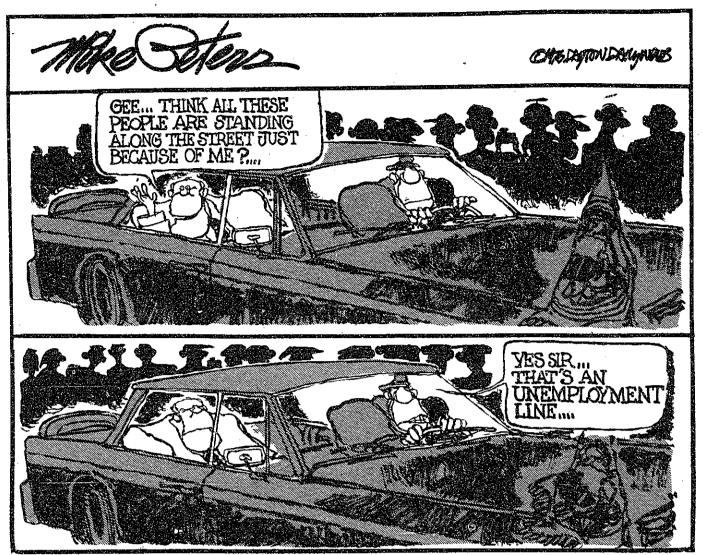
This first impression one naturally gets is quite wrong. Could eddy current or hysteresis losses be the answer? They will have to be quite large when we compare the motions of his device to how we can remove a keeper from a large horseshoe magnet.

> Dr. Mary Kuehene March 20, 1976

March 16, 1976

of their repressive position. If the administration does not

they do. We can't sit still and let our



Commentary

Campus sobriety: the bitter truth

By Daniel Nathan

I find it my unfortunate duty to inform the general readership of this page of a serious problem confronting the MIT student body. The task I face becomes even more awesome by the face that its importance has been passed over by the other independent editorialists, those whose names and creeds make the above-mentioned page twiceweekly. It also escapes me as to how a paper of The Tech's caliber could have passed over this topic whose immediacy is everyday becoming only more so.

Verbiage aside, the contagion which has infiltrated the students' bodies is sobriety. Although we have not yet reached the point where the medical department and the Dean's off-

ice are forced to step in to institute some controls on this form of student abuse (and I don't care anyway), the MIT students who have been stricken by this epidemic have begun to affect other students and Institute property as well as damaging themselves.

The disease attacks the mind rather than the body. It thrives on a weakening of mental defenses, a breakdown of those barriers which normally exclude foreign germs from the mind, keeping ego intact. Just as the cold wet night allows the flu bug to enter the body, so does the sober dry night allow self-righteous purtanical virtue-ridden dogmas to enter a student's cubicle and force their way from the pages of Ergo into his disciplined

cranium, eager to escape the threat of a fizzing half-keg.

Nor is this disease confined to alcohol. Self-proclaimed columnists speak out twice a week in The Tech on the other forms of clean living. If more people had one-tenth of one-per cent of alcohol in their bloodstreams they would care that much less about fishing their brothers off the brinks of hell and that much more about opening their minds and cleaning their rooms.

However, don't let that go on record as my philosophy. I don't care, and besides, that's the best I can do on a jigger of rum.

Thank you.

(When he is sober, Daniel Nathan is a reporter for The Tech.

Ecklin and energy

To the Editor:

Received some very huffy comments from a few MIT students on the device explained in "Can Magnets Create Energy?" in The Tech of March 12, 1976.

Please note the explanation did not say how much energy the device will make nor did it say for how long. I did take the liberty of stating never where

the basic law is - energy can neither be created not destroy-

From these comments I would suggest these students take this matter up with their professors since I had nothing to do with writing or teaching the above law. I simply believe the law is wrong and the device, which almost anyone can build, proves it. I also believe, if they had taken the time to build the device I would not have received these comments, as it is then obvious the motion of the shield is at right angles to the motion of the steel ball which moves the device.

Our most important discoveries often come from very slight discrepancies and especially now, where energy is concerned, we should be very sure of our basic laws.

> John W. Ecklin March 17, 1976

The Tech welcomes letters to the editor. All letters should be signed, but names will be withheld on request. Typed, double-spaced letters are preferred.

tee of ex Social drinking

To the Editor:

In response to Elliot Lach's letter which appeared in the March 12 edition of The Tech, I would like to make the following comments.

First, I strongly disagree with Mr. Lach's description of campus alcoholism. An alcoholic is not one who behaves "as any typical tool" during the week while indulging in alcohol on the weekends. A person who can lead a functional life in relation to his/her work and friends surely cannot be labelled an alcoholic. The life of a true alcoholic is externely disrupted by drinking to the extent that the alcoholic is unable to effectively relate to his work, family and friends. The student who is able to work at a level commensurate with MIT's idea of "achievement" is hardly an alcoholic, even if he does enjoy getting "plastered" on the weekends.

Additionally, the prevalence on campus of beer-blasts and parties where liquor is served is no indication that alcoholism is also prevalent. The purpose of these events is primarily social and also often intellectual, as in the case of seminars and colloquia where liquor is sometimes

The point is that the occasional use of alcohol for social purposes should not be confused with the disease of alcoholism. Even the student who becomes totally inebriated on weekends should not be criticized if he/she is still able to function normally in accordance with the Institute's stringent standards.

Sure, the Institute is a highpressure place, and some people may find it necessary to artificially escape from it once a week; and although there may be isolated instances of true alcoholism on campus, I think that it is necessary to look more carefully at the facts and keep things in a better perspective.

Jonathan. B. Green '77 March 15, 1976

To the Editor:

I have just sent a clipping of the letter by Elliot Lach in the March 12 edition of The Tech concerning the "raving alcies" here at MIT to my friends at Northern Illinois University. They should get a charge out of Steve Bock '78 March 12, 1976



Julia A. Malakie '77 - Chairperson Glenn R. Brownstein '77 - Editor-in-Chief Mark J. Munkacsy '78 - Managing Editor John M. Sallay '78 - Business Manager

> Tuesday, March 30, 1976 Volume 96, Number 14

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Black firms get part of MIT insurance

By Gerald Radack

MIT will transfer ten per cent of its \$226 million group life insurance business from the John Hancock Company to two Black companies.

The agreement was announced by Chancellor Paul E. Gray '54, who said that it represents MIT's commitment to help minority companies play a greater role in American busi-

Under the agreement, each of the companies - North Carolina Mutual and Chicago-based Supreme Life Insurance Company - will receive five per cent of MIT's premiums and accept five per cent of the risk. John Hancock Company will continue to administer the insurance program.

"We hope this helps open doors and generate new con-

tracts for the minority companies, which have already distinguished themselves as economically sound, reputable concerns," said Clarence G. Williams, Special Assistant to the Chancellor and President for Minority Affairs.

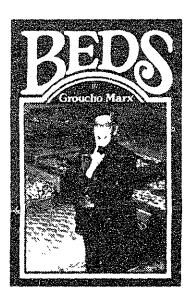
Durham-based North Carolina Mutual is 76 years old and claims to be the largest blackowned company in the United States. It holds policies for Black universities, including Howard and Morehouse. Supreme Life started in 1921.

Williams said the agreement illustrated MIT's role in aiding all segments of society.

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(#7864)

notes

- * The deadline for the I. Austin Kelly III Prize Competition is April 16. The competition is for papers of a scholarly/critical nature in the Humanities, and first Prize in \$250.00. Submissions should be 5,000-10,000 words in length. details are available in 14N-305.
- * The Writing Program of the Humanities Department announces an April Fools Day Open Reading in Room 14E-304 from 5-7pm on Thurs. April 1. Come, read your work, and listen to other MIT people read their writing. Refreshments in 14E-310 at 4:30. For more information call x7894.
- * The Information Processing Center will offer the following short noncredit courses during April: Introduction to Simscript (\$10.00) April 5,7,9; Introduction to Multics (\$10.00) April 5,7,9,12,14; Elementary PL/I (\$10.00) April 6,8,13,15,20,22; Improving Program Efficiency April 21. Preregister with Lynne Penney, 39-427, x-6320.
- * The Department of Humanities is offering three prizes for writing: The Ellen King Prize for Freshman Writing, The Robert A. Boit Writing Prize, and the Boit Manuscript Prize. Copies of the rules are available in 14N-409. Entries must be in by April 16.
- * The Physics Department will hold an Open House for freshmen and sophomores interested in learning more about the opportunities in physics for a major and/or a career on Monday, April 5, from 4 to 7pm in the Marlar Lounge, 37-252. Several faculty members will give talks about current research in the department. Department faculty and students will be on hand to chat with students and to answer questions about course requirements and options for physics majors, and career opportunities, Refreshments will be served.



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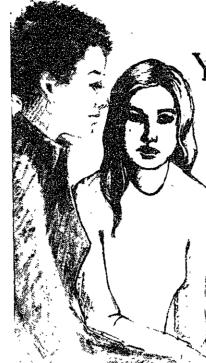
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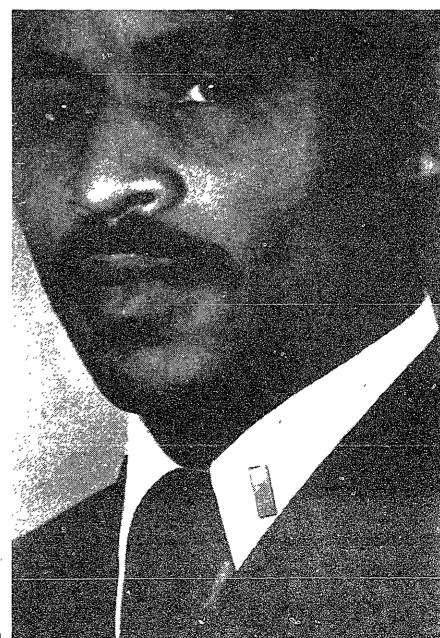
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sports

Lacrosse 2-2 on trip

By Glenn Brownstein

Lacrosse coach Walt Alessi's Travelling Medicine Show went on the road last week to Long Island and, despite a series of peculiar incidents, came away with two victories in four games, the last a satisfying 9-7 win over a talented University of New Haven squad.

Neither stolen jerseys (many players wore a different uniform in each game) nor strange playing conditions could stay the 19 hardy souls from their appointed task - to prepare for MIT's rugged New England schedule, which begins Saturday at Boston College.

On Monday, the Engineers expected New York Tech to overwhelm them (especially after driving an hour in search of the game field), but MIT trailed only 3-2 at halftime before the New Yorkers' superiority propelled them to a 9-3 win. John Forrest '77, Steve Hyland '76, and Phil Macneil '79 scored for MIT, playing well despite difficulties with New York Tech's zone defense.

During a team practice Tuesday at Tech, the Engineers had ten jersevs stolen when a supposedly to-be-locked locker room never was. Missing ten shirts, MIT travelled to Oakdale to face Dowling, but found the gold and blue jerseys not to its liking. Dowling completely outplayed the Engineers for a 12-7 victory on Wednesday.

MIT goalie Jeff Singer '77 had problems with the rocky, hilly moon-like LaSalle Military Academy field, giving up a number of bounce-shot goals. Never theless, MIT trailed only 8-5 going into the final quarter, when Russ Ibanez netted two shots to clinch the game for Dowling. Roger Renshaw '77 battled the 25mph crosswind and led MIT with three goals.

The Engineers, upset by their poor showing the day before, took out their frustrations against hapless York at Randalls' Island Thursday, rolling up a 13-1 halftime lead and easing to a 14-3 romp. MIT fired 33 shots on goal to York's 10, and held the score down only by switching positions in the final

Al O'Connor '79 scored six goals for the Engineers, while Hyland tallied three, Blake Hurt '77 put in two, and Paul Pilorz '76, Keith Giamportone '79, and goalie Singer (who played attack in the second half) each had one.

Last spring break, MIT capped off its Florida trip with a surprise win over undefeated Miami. This year's final game mirrored last year's, as the Engineers survived six lost leads to upset New Haven, 9-7.

MIT found New Haven's white and gold jerseys more comfortable, as the Engineers stayed in front on the basis of what Coach Alessi termed "great hustling and team defense" and the super goaltending of Singer, who made 28 saves to stymie the opposing Chargers.

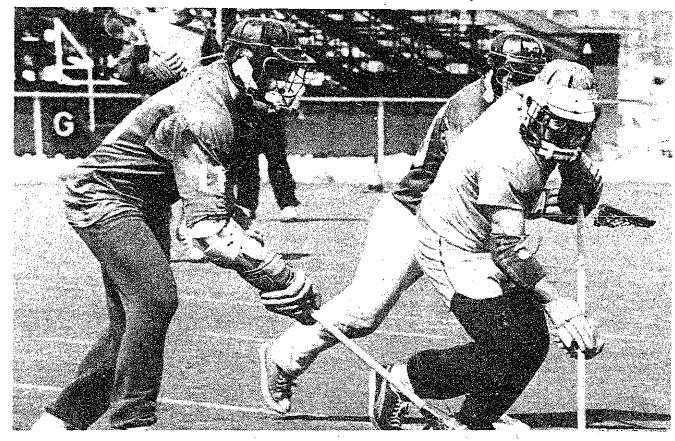
Although UNH outshot MIT 35-15, it failed to score on all nine of its extra-man opportunities as the Engineer defense played a solid, cohesive game, especially down the stretch, where MIT preserved a one-goal lead for 13 minutes.

New Haven had some excellent chances in the final hectic period, but Singer was equal to the task. The Chargers' final frustration occurred in the game's final minute, when Jeff Fitzpatrick, 0 for 8 in the game, solidly hit the left pipe, the shot bouncing 30 yards out and ending any chance for a New Haven comeback.

Gordie Zuerndorfer '78 locked up the victory with 1:11 left, scoring from about five yards out on a fast-break, dodging play. MIT's attack earned the spring trip, scoring six of the other eight goals (O'Connor had three, Forrest two, and Dan Jaime '78 one).

Bright spots on the trip included MIT's improving defense of Dick Cook '79, Gerry Tourgee '76, Craig Johnston '77, and Dave Maurer '78 who, with strong midfield help, protected Singer well. Scoring also appears to be very balanced, as ten players shared MIT's 33 goals.

The IM Softball Umpires Clinic will be held March 30 and 31 at 7:30pm in Room 400 of the Student Center. All teams must send a representative to one of these meetings. Anyone interested in becoming a wellpaid umpire should attend the clinic. New softball rulebooks are now available in the IM office (W32-123).



MIT lacrosse defenseman Gerry Tourgee '76 (no number) battles two Mass. Maritime defenders for a ground ball in the Engineers' 8-6 scrimmage win before vacation.

Roundup

Pistol second in nationals

By David Schaller and Charles Cox

In the NRA Intercollegiate Pistol Sectionals held at MIT this month, the Tech shooters fared quite well against competition from several teams, including the team from the Air Force Aca-

MIT shooter Steve Goldstein '76 showed the way in the conventional match, with his 860 score earning him the national championship. Philip Brucat '77, Goldstein, Philip Morris '78, and David Schaller '78 teamed up to shoot a 1093 team score for a

second place finish to Air

BTP outshoots Aero-Astro to capture IM rifle crown

By Jerome Dausman (Jerome Dausman '76 is the IM rifle manager.)

An eleventh-hour performance by Beta Theta Pi's Biff Brisbin '77 gave BTP a one-point edge over Aero-Astro for the IM Rifle championship this year.

The final round shootoff was held Thursday and Friday before vacation. Aero-Astro's perenially strong team was through firing early Thursday and its 733 score became the mark to beat. Third East Rod & Gun fell just short with its strong 723 score.

In the last relay Friday, Brisbin had to shoot a 187, the high score on his team, to win for BTP. With a score of 91 on his first target, each shot on his second target became crucial. The tournament was not decided until his last shot, on which he needed, and fired, a ten.

The individual competition was just as hotly contested, with the first four places within three points. Because of extra participation, medals were given to the top four individuals in the second round.

First place went to Jim Hutchison '78 of Third East Rod & Gun for his back to back 96 scores. One point back with a 95-96 was Mike O'Callaghan G of Mechanical Engineering.

Ties are broken by the highest second target, and this gave Reed Sturtevant '79 third place even though his 98 point first target was the best of the tournament. Finishing fourth was ZBT's Bob Gillis '79 with targets of 93 and 97.

In the international match, Goldstein again took top honors. His 821 score was the national high, giving him the championship in both international and conventional matches. The MIT team of Goldstein, Morris, and Brucat shot a team score of 2377, finishing a very close second to Air Force's score of 2380.

The MIT Rugby Club dropped its season opener to Charles River last Saturday by a score of 10-4. The River Rats jumped to a six-point lead early in the game on a converted try. MIT answered with its only score, an unconverted try by Lou Piazza '78. Charles River ended the half with another try.

Both teams were scoreless in the second half as MIT's backfield speed neutralized the superior weight of the Charles River team.

The Engineer 'B' side fared worse, losing 41-3 to Charles River. An inexperienced team, MIT scored only once, on a penalty goal in the second half. Charles River tallied seven tries, five of which were converted. and a penalty goal.

MIT's 'A' and 'B' sides meet Harvard Business School at Soldiers Field Saturday.

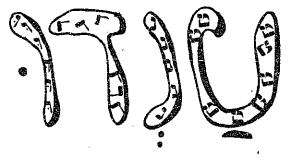
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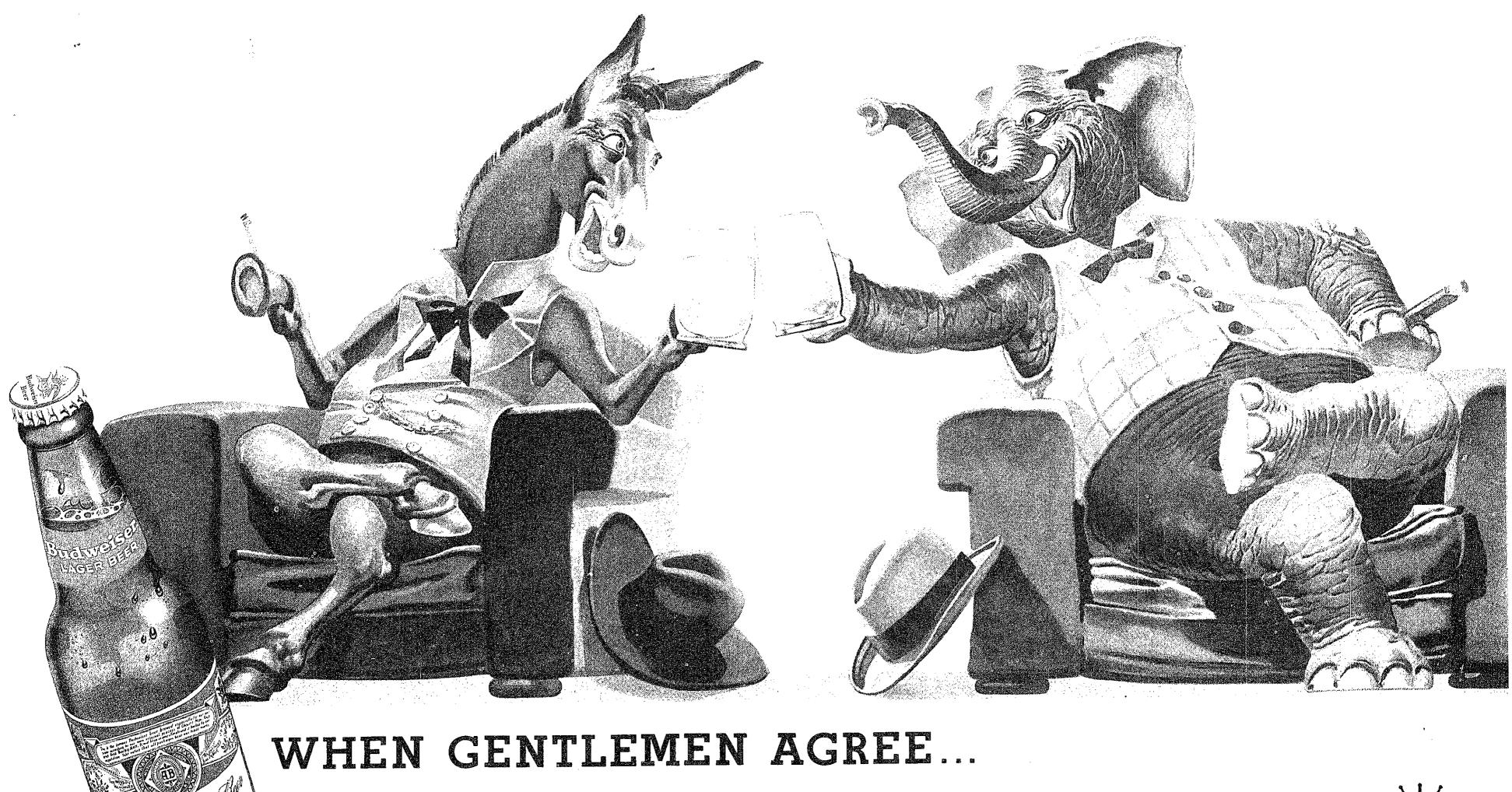
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